

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(Currently Amended) A playback device for playback of a media stream from a storage medium, the device comprising reading means for reading at least a part of the media stream, a buffer for holding the part of the media stream, a playback unit for consuming the part of the media stream from the buffer at a predefined rate, and control means for controlling the reading of the media stream from the storage medium, filling of the buffer during a buffer filling period, and the playback of the media stream, wherein the control means comprise means for retrieving playback mode control information stored on the storage medium, and means for calculating a buffer refilling time depending on the playback mode control information, wherein the control means are arranged for calculating

the buffer filling period depending on information about a location of the part of the media stream on the storage medium.

2. (Previously Presented) The playback device as claimed in claim 1, wherein the means for retrieving playback mode control information are arranged for retrieving characteristic point information and the means for calculating the buffer refilling time are arranged for calculating the buffer refilling time depending on the characteristic point information.

Claims 3-5 (Canceled)

6. (Currently Amended) The playback device as claimed in ~~claim 4~~ claim 1, wherein the control means are arranged for calculating the buffer filling period depending on information about ~~the a~~ position of a disk head.

Claim 7 (Canceled)

8. (Currently Amended) A method for playback of a media stream from a storage medium by a device, the method comprising the acts of:

reading at least a part of the media ~~stream,~~ stream;
holding the part of the media stream in a ~~buffer,~~ buffer;
playing back the part of the media stream from the buffer at a predefined ~~rate,~~ rate;
controlling the reading of the media stream from the storage ~~medium, and~~ medium; and
filling of the buffer ~~and the playback of the media stream,~~ during a buffer filling period;
wherein the controlling act comprises the sub acts of:
retrieving playback mode control information stored on the storage ~~medium, and~~ medium;
calculating the buffer refilling time depending on the playback mode control information; and
calculating the buffer filling period depending on information about a location of the part of the media stream on the storage medium.

9. (Currently Amended) The method as claimed in claim 8, further comprising the act of calculating the buffer filling period depending on information ~~concerning the retrieval of the media stream~~ about a position of a disk head of the device.

10. (Original) A computer program product which program is operative to cause a processor to perform the method as claimed in claim 8.

Claim 11 (Canceled)

12. (New) The playback device of claim 1, wherein the controller is configured to store file system information stored on the storage medium in a memory of the playback device, the file system information including the information about the location of the part of the media stream on the storage medium.

13. (New) The playback device of claim 6, wherein the

controller is configured to store file system information stored on the storage medium in a memory of the playback device, the file system information including the information about the location of the part of the media stream on the storage medium and the information about the position of the disk head.

14.(New) The playback device of claim 1, wherein the controller is configured to simultaneously playback more than one media stream or to playback a first media stream while recording a second media stream.

15.(New) The playback device of claim 14, wherein the controller is configured to use the buffer refilling time to allow the playback device to read or write data from or onto the storage medium when the storage medium is not needed for a playback process.

16.(New) The method of claim 8, further comprising the act of storing file system information stored on the storage medium in a

memory of the device, the file system information including the information about the location of the part of the media stream on the storage medium.

17.(New) The method of claim 9, further comprising the act of storing file system information stored on the storage medium in a memory of the playback device, the file system information including the information about the location of the part of the media stream on the storage medium and the information about the position of the disk head.

18.(New) The method of claim 8, further comprising the act of simultaneously playing back more than one media stream or playing back a first media stream while recording a second media stream.

19.(New) The method device of claim 18, further comprising the act of using the buffer refilling time to allow the device to read or write data from or onto the storage medium when the storage medium is not needed for a playback process.